AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the

application:

1. (currently amended)   A code generation apparatus to generate a source code using a

given model <u>covering a family of a plurality of variations, the apparatus</u> comprising:

model acquisition means for acquiring the given model ~~whose~~ <u>having a plurality of specific</u>

<u>parts, each</u> specific part ~~is~~ <u>being</u> specified by a part specifier<u>, each specific part corresponding to</u>

<u>at least one variation among the plurality of variations</u>;

selection information acquisition means for acquiring selection information capable of

indicating at least one of selection and deletion of <u>a certain</u> ~~the~~ specific part of the plurality of

specific parts using <u>a</u> ~~the~~ part specifier <u>specifying the certain specific part</u>; ~~and~~

deletion and generation means for generating the source code from a certain model<u>, which</u>

~~that~~ is generated using the given model acquired by the model acquisition means based on the

selection information acquired by the selection information acquisition means<u>, the certain model</u>

<u>covering a necessary variation selected from the plurality of variations and not covering an</u>

<u>unnecessary variation</u>[-]<u>; and</u>

<u>a machine readable storage medium for storing the generated source code.</u>

2. (currently amended) The code generation apparatus of claim 1,

wherein ~~the~~ <u>at least one</u> part specifier includes a part specification block which encloses the

specific part of the given model, and

wherein the selection information acquisition means acquires the selection information indicating at least one of selection and deletion of the <u>certain</u> specific part using the part specification block.

3. (currently amended) The code generation apparatus of claim 1,

wherein ~~the~~ <u>at least one</u> part specifier includes attribute information that is included in the specific part of the given model.

4. (currently amended) The code generation apparatus according to claim 1 further comprising:

correlative information acquisition means for acquiring correlative information indicating correlation between ~~the~~ part specifier<u>s respectively</u> specifying the specific part<u>s</u> of the given model acquired by the model acquisition means and the selection information acquired by the selection information acquisition means,

wherein the deletion and generation means generates the source code from the certain model that is generated using the given model acquired by the model acquisition means based on the selection information acquired by the selection information acquisition means and the correlative information acquired by the correlative information acquisition means.

5. (original) The code generation apparatus of claim 1,

wherein the selection information includes information about a model type relevant to the source code generated by the deletion and generation means.

6. (original) The code generation apparatus of claim 1,

wherein the selection information includes information about a destination country relevant

to the source code generated by the deletion and generation means.

7. (original) The code generation apparatus of claim 1,

wherein the selection information includes information about an intended use relevant to

the source code generated by the deletion and generation means.

8. (currently amended) A computer program product on a computer readable medium for

use in a code generation apparatus to generate a source code using a given model covering a

family of a plurality of variations, the computer program product comprising instructions for of:

acquiring the given model whose having a plurality of specific parts, each specific part is

being specified by a part specifier, each specific part corresponding to at least one variation

among the plurality of variations;

acquiring selection information capable of indicating at least one of selection and deletion

of a certain the specific part of the plurality of specific parts using the a part specifier specifying

the certain specific part; and

generating the source code from a certain model, that which is generated using the acquired

given model based on the acquired selection information[.]. the certain model covering a

necessary variation selected from the plurality of variations and not covering an unnecessary

variation; and

storing the generated source code in a machine readable storage medium.

9. (currently amended) A simulation apparatus for executing functions included in a certain model generated using a given model covering a family of a plurality of variations, the apparatus comprising:

model acquisition means for acquiring the given model whose having a plurality of specific parts, each specific part is being specified by a part specifier, each specific part corresponding to at least one variation among the plurality of variations;

selection information acquisition means for acquiring selection information capable of indicating at least one of selection and deletion of the a certain specific part of the plurality of specific parts, using the a part specifier specifying the certain specific part; and

deletion and generation means for executing the functions included in the certain model, that which is generated using the given model acquired by the model acquisition means based on the selection information acquired by the selection information acquisition means[.], the certain model covering a necessary variation selected from the plurality of variations and not covering an unnecessary variation[.]; and

a machine readable storage medium for storing the generated certain model.

10. (currently amended) A computer program product on a computer readable medium for use in a simulation apparatus for executing functions included in a certain model generated using a given model covering a family of a plurality of variations, the computer program product comprising instructions of:

acquiring the given model whose having a plurality of specific parts, each specific part is being specified by a part specifier, each specific part corresponding to at least one variation among the plurality of variations;

acquiring selection information capable of indicating at least one of selection and deletion of ~~the~~ a certain specific part of the plurality of specific parts using ~~the~~ a part specifier specifying the certain specific part ~~specifier~~; and

executing the functions included in the certain model, which ~~that~~ is generated using the acquired given model based on the acquired selection information, the certain model covering a necessary variation selected from the plurality of variations and not covering an unnecessary variation.

11. (currently amended) A model generation apparatus to generate a certain model using a given model covering a family of a plurality of variations, the apparatus comprising:

model acquisition means for acquiring the given model ~~whose~~ having a plurality of specific parts, each specific part ~~is~~ being specified by a part specifier, each specific part corresponding to at least one variation among the plurality of variations;

selection information acquisition means for acquiring selection information capable of indicating at least one of selection and deletion of ~~the~~ a certain specific part of the plurality of specific parts using ~~the~~ a part specifier specifying the certain specific part; and

deletion and generation means for generating the certain model, which ~~that~~ is generated using the given model acquired by the model acquisition means based on the selection information acquired by the selection information acquisition means[-], the certain model covering a necessary variation selected from the plurality of variations and not covering an unnecessary variation; and

a machine readable storage medium for storing the generated certain model.

12. (currently amended) A computer program product on a computer readable medium for use in a model generation apparatus to generate a certain model using a given model_covering a family of a plurality of variations, the computer program product comprising instructions_for [of]:

acquiring the given model ~~whose~~ having a plurality of specific parts, each_specific part [is] being specified by a part specifier, each specific part corresponding to at least one variation among the plurality of variations;

acquiring selection information capable of indicating at least one of selection and deletion of ~~the~~ a certain specific part of the plurality of specific parts using ~~the~~ a part specifier specifying the certain specific part; and

generating the certain model, which that is generated using the acquired given model based on the acquired selection information, the certain model covering a necessary variation selected from the plurality of variations and not covering an unnecessary variation.

13. (currently amended) A method in a code generation apparatus to generate a source code using a given model_covering a family of a plurality of variations, the method comprising steps of:

acquiring the given model ~~whose~~ having a plurality of specific parts, each specific part ~~is~~ being_specified by a part specifier, each specific part corresponding to at least one variation among the plurality of variations;

acquiring selection information capable of indicating at least one of selection and deletion of ~~the~~ a certain specific part using ~~the~~a part specifier specifying the certain specific part; and

generating the source code from a certain model, which that is generated using the acquired

given model based on the acquired selection information, the certain model covering a necessary

variation selected from the plurality of variations and not covering an unnecessary variation.

14. (currently amended) A code generation apparatus to generate a source code using a

given model covering a family of a plurality of variations, the apparatus comprising:

model acquisition means for acquiring the given model having a plurality of specific parts

each, wherein each of a the plurality of specific parts included in the given model is specified by

each of a plurality of part specifiers, each specific part corresponding to at least one variation

among the plurality of variations;

selection information acquisition means for acquiring selection information indicating at

least one of selection and deletion of a given specific part using a given part specifier that

specifies the given specific part; and

deletion and generation means for generating the source code from a certain model, which

that is generated using the given model acquired by the model acquisition means based on the

selection information acquired by the selection information acquisition means, the certain model

covering a necessary variation selected from the plurality of variations and not covering an

unnecessary variation[-]: and

a machine readable storage medium for storing the generated source code.

15. (New) The code generation apparatus of claim 1, wherein the variations of the family

are functions exclusive to each other in the generated certain model.

16. (New) The code generation apparatus of claim 1, wherein the variations of the family are types different from each other.

17. (New) The code generation apparatus of claim 16, wherein the variations of the family are types of engines.

18. (New) The code generation apparatus of claim 1, wherein the variations of the family are destination countries which are different from each other.

19. (New) The code generation apparatus of claim 1, wherein the variations of the family are intended uses which are different from each other.

20. (New) The code generation apparatus of claim 1, wherein the variations of the family are regulations according to domestic laws of countries, the regenerations being different from each other.

21. (New) The product of claim 8, wherein the variations of the family are different types of engines.

22. (New) The product of claim 8, wherein the variations of the family are destination countries which are different from each other.

23. (New) The product of claim 8, wherein the variations of the family are intended uses which are different from each other.

24. (New) The product of claim 8, wherein the variations of the family are regulations according to domestic laws of countries, the regulations being different from each other.

25. (New) The apparatus of claim 9, wherein the variations of the family are different types of engines.

26. (New) The apparatus of claim 9, wherein the variations of the family are destination countries which are different from each other.

27. (New) The apparatus of claim 9, wherein the variations of the family are intended uses which are different from each other.

28. (New) The apparatus of claim 9, wherein the variations of the family are regulations according to domestic laws of countries, the regulations being different from each other.

29. (New) The product of claim 10, wherein the variations of the family are different types of engines.

30. (New) The product of claim 10, wherein the variations of the family are destination countries which are different from each other.

31. (New) The product of claim 10, wherein the variations of the family are intended uses which are different from each other.

32. (New) The product of claim 10, wherein the variations of the family are regulations according to domestic laws of countries, the regulations being different from each other.

33. (New) The apparatus of claim 11, wherein the variations of the family are different types of engines.

34. (New) The apparatus of claim 11, wherein the variations of the family are destination countries which are different from each other.

35. (New) The apparatus of claim 11, wherein the variations of the family are intended uses which are different from each other.

36. (New) The apparatus of claim 11, wherein the variations of the family are regulations according to domestic laws of countries, the regulations being different from each other.

37. (New) The product of claim 12, wherein the variations of the family are different types of engines.

38. (New) The product of claim 12, wherein the variations of the family are destination countries which are different from each other.

39. (New) The product of claim 12, wherein the variations of the family are intended uses which are different from each other.

40. (New) The product of claim 12, wherein the variations of the family are regulations according to domestic laws of countries, the regulations being different from each other.

41. (New) The method of claim 13, wherein the variations of the family are different types of engines.

42. (New) The method of claim 13, wherein the variations of the family are destination countries which are different from each other.

43. (New) The method of claim 13, wherein the variations of the family are intended uses which are different from each other.

44. (New) The method of claim 13, wherein the variations of the family are regulations according to domestic laws of countries, the regulations being different from each other.

45. (New) The apparatus of claim 14, wherein the variations of the family are different types of engines.

46. (New) The apparatus of claim 14, wherein the variations of the family are destination countries which are different from each other.

47. (New) The apparatus of claim 14, wherein the variations of the family are intended uses which are different from each other.

48. (New) The apparatus of claim 14, wherein the variations of the family are regulations according to domestic laws of countries, the regulations being different from each other.